

**HEAT RESISTANT FOAM-IN-BAG PACKAGING**  
**ABSTRACT OF THE DISCLOSURE**

The invention is a thermoplastic film having a heat resistant coating. The film is particularly useful in the preparation of bags and associated packaging systems that are used for protecting and packaging articles. Typically, the heat resistant coating has a melting range that is greater than the melting temperature of the thermoplastic film and exceeds the temperature of the heat generated during foam formation. As such, packaging films and bags that are prepared in accordance with the invention help prevent foam-in-bag cushions from fusing together. Particularly useful heat resistant coatings include ink varnishes and resins that are solvent-based, water-based, or energy cured.

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